

sponds with a particular distance from the apparatus and/or how many fingers are associated with the skin contact of the skin resistance measurement. In this manner, it may be desirable to determine whether a skin resistance measurement corresponds with a designated resistance range.

[0172] At block 1302, the apparatus receives information indicative of a first skin resistance measurement indicative of absence of skin contact between a wear surface electrode sensor and a non-wear surface electrode sensor, similarly as described regarding block 702 of FIG. 7. At block 1304, the apparatus receives information indicative of a second skin resistance measurement indicative of skin contact between the wear surface electrode sensor and the non-wear surface electrode sensor, similarly as described regarding block 704 of FIG. 7.

[0173] At block 1306, the apparatus determines that the second skin resistance measurement is within a designated resistance range. The determination and the designated resistance range may be similar as described regarding FIGS. 5A-5C and FIG. 6.

[0174] At block 1308, the apparatus determines a user input based, at least in part, on the designated resistance range. The determination and the user input may be similar as described regarding FIGS. 5A-5C and FIG. 6.

[0175] FIG. 14 is a flow diagram illustrating activities associated with determination of a user input based, at least in part, on skin resistance measurement according to at least one example embodiment. In at least one example embodiment, there is a set of operations that corresponds with the activities of FIG. 14. An apparatus, for example electronic apparatus 10 of FIG. 1, or a portion thereof, may utilize the set of operations. The apparatus may comprise means, including, for example processor 11 of FIG. 1, for performance of such operations. In an example embodiment, an apparatus, for example electronic apparatus 10 of FIG. 1, is transformed by having memory, for example memory 12 of FIG. 1, comprising computer code configured to, working with a processor, for example processor 11 of FIG. 1, cause the apparatus to perform set of operations of FIG. 14.

[0176] In some circumstances, skin resistance of a particular part of skin may vary in relation to the physiological circumstances of the user. For example, the moisture level of the skin may cause the skin resistance to vary, the tension of the skin may cause the skin resistance to vary, and/or the like. In such circumstances, it may be desirable to base a designated resistance range, at least in part, on a calibration skin resistance measurement. In at least one example embodiment, a skin resistance calibration measurement is skin resistance measurement that provides a baseline measurement for the apparatus to utilize in determination of one or more designated resistance ranges.

[0177] As previously described, in at least one example embodiment, the designated resistance range is a range of skin resistance measurements that is indicative of a finger contacting the skin at a designated distance. In such an example, the calibration skin resistance measurement may be associated with the designated distance. For example, there may be a calibration skin resistance measurement associated with distance 511 of FIG. 5A. In this manner, the apparatus may set the skin resistance range associated with the designated distance based, at least in part, on the skin resistance measurement of the calibration skin resistance measurement.

[0178] As previously described, in at least one example embodiment, the designated resistance range is a range of

skin resistance measurements that is indicative of a particular number of fingers contacting the skin. In such an example, the calibration skin resistance measurement may be associated with the particular number of fingers. For example, there may be a calibration skin resistance measurement associated with the dual finger contact of FIG. 6. In this manner, the apparatus may set the skin resistance range associated with the particular number of fingers based, at least in part, on the skin resistance measurement of the calibration skin resistance measurement.

[0179] In at least one example embodiment, the apparatus causes display of a calibration input request. For example, the apparatus may display information that allows the user to understand that a subsequent user input may be interpreted as a skin resistance calibration measurement. In at least one example embodiment, the calibration input request may identify an aspect of the user input to be associated with the designated skin resistance range to be set by the skin resistance calibration input. For example, the calibration input request may identify a particular number of fingers, a designated distance, and/or the like.

[0180] At block 1402, the apparatus receives information indicative of a calibration skin resistance measurement.

[0181] At block 1404, the apparatus sets the designated resistance range based, at least in part, on the calibration skin resistance measurement. The setting of the designated distance range may be based, at least in part, on a tolerance range that surrounds a value indicated by the skin resistance measurement. In at least one example embodiment, the tolerance range is a range of skin resistance measurements that may be interpreted as being within the designated skin resistance range even though such skin resistance measurements may fail to directly correspond with the calibration skin resistance measurement.

[0182] At block 1406, the apparatus receives information indicative of a first skin resistance measurement indicative of absence of skin contact between a wear surface electrode sensor and a non-wear surface electrode sensor, similarly as described regarding block 702 of FIG. 7. At block 1408, the apparatus receives information indicative of a second skin resistance measurement indicative of skin contact between the wear surface electrode sensor and the non-wear surface electrode sensor, similarly as described regarding block 704 of FIG. 7. At block 1410, the apparatus determines that the second skin resistance measurement is within the designated resistance range, similarly as described regarding block 1306 of FIG. 13. At block 1412, the apparatus determines a user input based, at least in part, on the designated resistance range similarly as described regarding block 1308 of FIG. 13.

[0183] Embodiments of the invention may be implemented in software, hardware, application logic or a combination of software, hardware, and application logic. The software, application logic and/or hardware may reside on the apparatus, a separate device, or a plurality of separate devices. If desired, part of the software, application logic and/or hardware may reside on the apparatus, part of the software, application logic and/or hardware may reside on a separate device, and part of the software, application logic and/or hardware may reside on a plurality of separate devices. In an example embodiment, the application logic, software or an instruction set is maintained on any one of various conventional computer-readable media.

[0184] If desired, the different functions discussed herein may be performed in a different order and/or concurrently